

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004618.D
 Acq On : 23 Apr 2021 20:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 4/26/2021 4:52:53 PM

Quant Time: Apr 26 10:22:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	127332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81516	57.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.24%			
35) Dibromofluoromethane	7.728	113	62152	53.39	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.78%			
50) Toluene-d8	10.185	98	268357	54.20	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.40%			
62) 4-Bromofluorobenzene	12.483	95	89883	53.49	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.98%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	54164	45.91	ug/l	97
3) Chloromethane	2.119	50	82541	48.38	ug/l	97
4) Vinyl Chloride	2.260	62	85344	47.37	ug/l	100
5) Bromomethane	2.662	94	46481	52.88	ug/l	96
6) Chloroethane	2.802	64	54358	50.32	ug/l	99
7) Trichlorofluoromethane	3.137	101	111462	49.47	ug/l	99
8) Diethyl Ether	3.540	74	38857	51.02	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	61486	49.19	ug/l	99
10) Methyl Iodide	4.101	142	65856	44.03	ug/l	97
11) Tert butyl alcohol	4.979	59	33364	239.30	ug/l	99
12) 1,1-Dichloroethene	3.881	96	59385	48.05	ug/l	94
13) Acrolein	3.747	56	31953	206.16	ug/l	97
14) Allyl chloride	4.497	41	118894	50.30	ug/l	98
15) Acrylonitrile	5.180	53	107346	262.72	ug/l	99
16) Acetone	3.961	43	84754	284.94	ug/l	96
17) Carbon Disulfide	4.210	76	180644	47.47	ug/l	100
18) Methyl Acetate	4.497	43	52030	52.80	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	194136	52.27	ug/l	99
20) Methylene Chloride	4.729	84	77415	56.65	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	70087	50.12	ug/l	95
22) Diisopropyl ether	6.137	45	263954	52.82	ug/l	99
23) Vinyl Acetate	6.076	43	895487	263.26	ug/l	99
24) 1,1-Dichloroethane	6.033	63	132603	51.95	ug/l	99
25) 2-Butanone	7.003	43	148438	275.44	ug/l	97
26) 2,2-Dichloropropane	6.997	77	112531	49.13	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	80525	51.46	ug/l	99
28) Bromochloromethane	7.350	49	70312	60.61	ug/l	98
29) Tetrahydrofuran	7.362	42	100348	260.62	ug/l	99
30) Chloroform	7.521	83	133903	53.38	ug/l	98
31) Cyclohexane	7.795	56	119783	46.18	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	116321	51.11	ug/l	99
36) 1,1-Dichloropropene	7.929	75	102107	48.99	ug/l	98
37) Ethyl Acetate	7.088	43	69582	51.84	ug/l	99
38) Carbon Tetrachloride	7.911	117	96696	53.66	ug/l	100
39) Methylcyclohexane	9.191	83	121648	47.40	ug/l	98
40) Benzene	8.167	78	298112	50.89	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	38968m	47.90	ug/l	
42) 1,2-Dichloroethane	8.246	62	96650	52.60	ug/l	99
43) Isopropyl Acetate	8.283	43	134084	52.69	ug/l	99
44) Trichloroethene	8.947	130	80923	50.67	ug/l	98
45) 1,2-Dichloropropane	9.222	63	79416	52.53	ug/l	99
46) Dibromomethane	9.313	93	42756	51.95	ug/l	99
47) Bromodichloromethane	9.502	83	105920	53.16	ug/l	98
48) Methyl methacrylate	9.301	41	63092	53.84	ug/l	98
49) 1,4-Dioxane	9.307	88	11317	1052.80	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	353252	270.26	ug/l	99
52) Toluene	10.252	92	187182	49.38	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	114694	52.19	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	126251	50.58	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	59191	52.19	ug/l	98
56) Ethyl methacrylate	10.514	69	86139	52.38	ug/l	96
57) 1,3-Dichloropropane	10.795	76	106441	52.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	241344	286.81	ug/l	98
59) 2-Hexanone	10.837	43	240768	274.78	ug/l	98
60) Dibromochloromethane	10.990	129	71173	52.81	ug/l	100
61) 1,2-Dibromoethane	11.093	107	57678	52.75	ug/l	98
64) Tetrachloroethene	10.728	164	84915	50.78	ug/l	98
65) Chlorobenzene	11.520	112	194757	49.69	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	72401	51.75	ug/l	99
67) Ethyl Benzene	11.599	91	363465	49.56	ug/l	100
68) m/p-Xylenes	11.709	106	271576	99.66	ug/l	99
69) o-Xylene	12.032	106	127527	49.94	ug/l	100
70) Styrene	12.051	104	214721	50.76	ug/l	99
71) Bromoform	12.215	173	41482	50.00	ug/l #	98
73) Isopropylbenzene	12.337	105	345062	47.92	ug/l	100
74) N-amyl acetate	12.148	43	122233	50.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	66029	48.47	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	52374m	52.37	ug/l	
77) Bromobenzene	12.611	156	78052	48.36	ug/l	99
78) n-propylbenzene	12.678	91	411745	48.40	ug/l	99
79) 2-Chlorotoluene	12.764	91	225618	48.50	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	285976	48.86	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	25564	45.73	ug/l	96
82) 4-Chlorotoluene	12.855	91	238505	48.55	ug/l	100
83) tert-Butylbenzene	13.081	119	243569	48.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.124	105	291576	49.37	ug/l	99
85) sec-Butylbenzene	13.258	105	340849	48.78	ug/l	99
86) p-Isopropyltoluene	13.373	119	311493	49.01	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	146896	48.73	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	145658	48.00	ug/l	100
89) n-Butylbenzene	13.703	91	291941	48.12	ug/l	100
90) Hexachloroethane	13.965	117	47892	56.16	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	130752	48.86	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12225	50.01	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	85742	48.46	ug/l	99
94) Hexachlorobutadiene	15.117	225	45176	48.91	ug/l	99
95) Naphthalene	15.239	128	187772	48.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	75773	48.55	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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